



#13 BAR, EPOXY COATED. PLACE
 @ STIRRUP SPACING REQUIRED
 FOR NON WWF STIRRUPS. EMBED
 INTO GIRDER 380 mm.

50

D16 MINIMUM SIZE
 OF VERTICAL WIRE

25 mm MINIMUM CLEARANCE
 TO HORIZONTAL WIRE

CLEARANCE -
 32 mm MIN.,
 50 mm MAX.

1000

660

508

#13 BAR AT TOP OF GIRDER

#13 BAR AT BOTTOM OF GIRDER

50 mm C.L.

TOP VIEW OF GIRDER

The diagram illustrates the profile of a draped strand within a girder. Key dimensions and specifications include:

- "A"**: Vertical distance from the bottom of the girder to the end of the girder.
- END OF GIRDER**: The left vertical boundary of the girder.
- BOTTOM OF GIRDER**: The horizontal baseline.
- 12 1/2 % SLOPE MAX.**: The maximum slope of the strand profile.
- 1/4 POINT (0.25 L)**: A point along the strand profile.
- "B"**: Vertical distance from the bottom of the girder to the center of gravity of the draped strands at a specific point.
- HOLD DOWN POINT**: A point where the strand is held down.
- CL OF GIRDER**: The centerline of the girder.
- CENTER OF GRAVITY OF DRAPED STRANDS**: The point where the vertical distance "B" is measured.
- "C"**: Vertical distance from the bottom of the girder to the centerline of the girder.

Formulas for "B":

- "B" = 1/4 ("A" + 3 "C") MIN.**
- "B" = 1/4 ("A" + 3 "C") + 75 mm MAX.**

RECORD DIMENSIONS
"A", "B" & "C"
ON FINAL PLANS.

The diagram shows a cross-section of a 10m long girder. The reinforcement is as follows:

- Top Reinforcement:** 13 bars of 150 mm diameter (#13 @ 150 mm) spaced at 300 mm, 450 mm, 530 mm, 530 mm, 450 mm, 450 mm, 450 mm, 450 mm, and 230 mm.
- Bottom Reinforcement:** 13 bars of 150 mm diameter (#13 @ 150 mm) spaced at 150 mm.
- Ends:** The ends of the girder are 835 mm wide.
- Labels:**
 - CL OF BEARING @ ABUT. (Center Line of Bearing at Abutment)
 - CL OF BEARING @ PIER (Center Line of Bearing at Pier)
 - SYM. ABOUT THIS POINT FOR GIRDERS WITHOUT CONTINUITY AT BOTH ENDS. (Symmetry about this point for girders without continuity at both ends)
 - SYM. ABOUT THIS POINT FOR GIRDERS WITH CONTINUITY AT BOTH ENDS. (Symmetry about this point for girders with continuity at both ends)

Diagram illustrating the reinforcement details for a column lap joint. The joint is shown with a vertical section. The lap length is indicated as 300 mm MIN. The reinforcement consists of #10 bars, epoxy coated, with a 300 mm MIN. LAP. The joint is shown with a vertical section, and the reinforcement is shown in cross-section.

APPROVED:	DATE:
	12/9